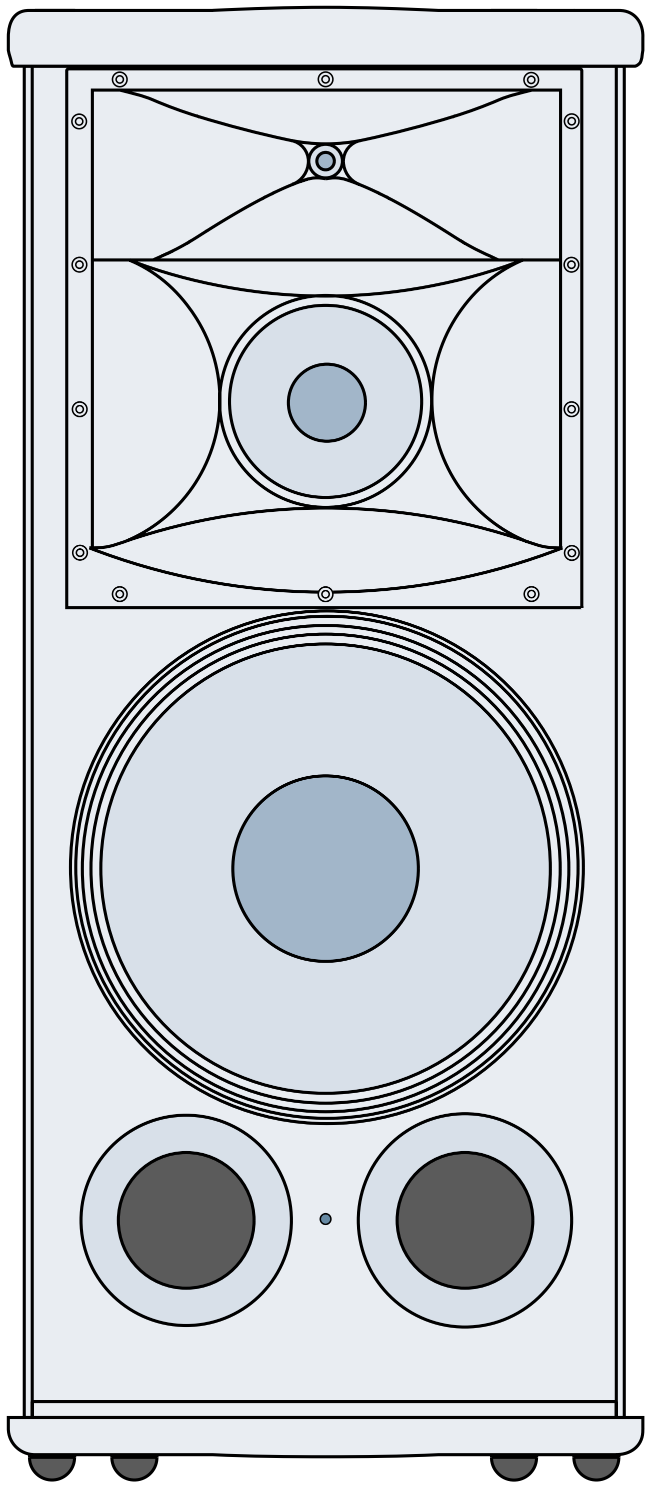
# SR1530
# 3-WAY ACTIVE SPEAKER SYSTEM
# USER'S MANUAL



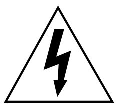
**CAUTION AVIS**

**RISK OF ELECTRIC SHOCK**
**DO NOT OPEN**

***RISQUE DE CHOC ELECTRIQUE***
***NE PAS OUVRIR***

**CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK**
**DO NOT REMOVE COVER (OR BACK)**
**NO USER-SERVICEABLE PARTS INSIDE**
**REFER SERVICING TO QUALIFIED PERSONNEL**

***ATTENTION: POUR EVITER LES RISQUES DE CHOC ELECTRIQUE, NE PAS ENLEVER LE COUVERCLE. AUCUN ENTRETIEN DE PIECES INTERIEURES PAR L'USAGER. CONFIER L'ENTRETIEN AU PERSONNEL QUALIFIE.***
***AVIS: POUR EVITER LES RISQUES D'INCENDIE OU D'ELECTROCUTION, N'EXPOSEZ PAS CET ARTICLE A LA PLUIE OU A L'HUMIDITE***



**The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.**

***Le symbole éclair avec point de flèche à l'intérieur d'un triangle équilatéral est utilisé pour alerter l'utilisateur de la présence à l'intérieur du coffret de "voltage dangereux" non isolé d'ampleur suffisante pour constituer un risque d'éléctrocution.***



**The exclamation point within an equilateral triangle is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.**

***Le point d'exclamation à l'intérieur d'un triangle équilatéral est employé pour alerter les utilisateurs de la présence d'instructions importantes pour le fonctionnement et l'entretien (service) dans le livret d'instruction accompagnant l'appareil.***

# SAFETY INSTRUCTIONS

1. Read Instructions — All the safety and operation instructions should be read before this Mackie product is operated.

2. Retain Instructions — The safety and operating instructions should be kept for future reference.

3. Heed Warnings — All warnings on this Mackie product and in these operating instructions should be followed.

4. Follow Instructions — All operating and other instructions should be followed.

5. Water and Moisture — This Mackie product should not be used near water – for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, near a swimming pool, swamp, or salivating St. Bernard dog, etc.

6. Cleaning — Clean only with a dry cloth.

7. Ventilation — This Mackie product should be situated so that its location or position does not interfere with its proper ventilation. For example, the Component should not be situated on a bed, sofa, rug, or similar surface that may block any ventilation openings, or placed in a built-in installation such as a bookcase or cabinet that may impede the flow of air through ventilation openings.

8. Heat — This Mackie product should be situated away from heat sources such as radiators or other devices which produce heat.

**WARNING:** The heatsink may reach high temperatures during standard use. To ensure proper operation, allow a minimum of 6 inches of clearance from the heatsink surface and adequate ventilation.

**PORTABLE CART WARNING**



Carts and stands - The Component should be used only with a cart or stand that is recommended by the manufacturer.
A Component and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the Component and cart combination to overturn.

9. Power Sources — This Mackie product should be connected to a power supply only of the type described in these operation instructions or as marked on this Mackie product.

10. Power Cord Protection — Power supply cords should be routed so that they are not likely to be walked upon or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit this Mackie product.

11. Object and Liquid Entry — Care should be taken so that objects do not fall into and liquids are not spilled into this Mackie product.

12. Damage Requiring Service — This Mackie product should be serviced only by qualified service personnel when:

A. The power-supply cord or the plug has been damaged; or

B. Objects have fallen, or liquid has spilled into this Mackie product; or

C. This Mackie product has been exposed to rain; or

D. This Mackie product does not appear to operate normally or exhibits a marked change in performance; or

E. This Mackie product has been dropped, or its chassis damaged.

13. Servicing — The user should not attempt to service this Mackie product beyond those means described in this operating manual. All other servicing should be referred to the Mackie Service Department.

14. To prevent electric shock, do not use this polarized plug with an extension cord, receptacle, or other outlet unless the blades can be fully inserted to prevent blade exposure.

*Pour prévenir les chocs électriques ne pas utiliser cette fiche polariseé avec un prolongateur, un prise de courant ou une autre sortie de courant, sauf si les lames peuvent être insérées à fond sans laisser aucune pariie à découvert.*

15. Grounding or Polarization — Precautions should be taken so that the grounding or polarization means of this Mackie product is not defeated.

16. Power Precaution — Unplug this Mackie product during lightning storms or when unused for long periods of time. Note that this Mackie product is not completely disconnected from the AC mains when the power switch is in the OFF position.

17. This apparatus does not exceed the Class A/Class B (whichever is applicable) limits for radio noise emissions from digital apparatus as set out in the radio interference regulations of the Canadian Department of Communications.

**ATTENTION** —*Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant las limites applicables aux appareils numériques de class A/de class B (selon le cas) prescrites dans le règlement sur le brouillage radioélectrique édicté par les ministere des communications du Canada.*

**WARNING** — To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

**WARNING** — The cabinet has no rigging points and is not suitable for flying. Never attempt to suspend the cabinet by its handles.

The SR1530 should never be pole-mounted.

## Lend Me Your Ears

Exposure to extremely high noise levels may cause permanent hearing loss. Individuals vary considerably in susceptibility to noise-induced hearing loss, but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a period of time. The U.S. Government's Occupational Safety and Health Administration (OSHA) has specified the permissible noise level exposures shown in this chart.

According to OSHA, any exposure in excess of these permissible limits could result in some hearing loss. To ensure against potentially dangerous exposure to high sound-pressure levels, it is recommended that all persons exposed to equipment capable of producing these levels use hearing protectors while this unit is in operation. Ear plugs or protectors in the ear canals or over the ears must be worn when operating this amplification system in order to prevent a permanent hearing loss if exposure is in excess of the limits set forth here.

| Duration Per Day In Hours | Sound Level dBA, Slow Response | Typical Example |
|---|---|---|
| 8 | 90 | Duo in small club |
| 6 | 92 | |
| 4 | 95 | Subway Train |
| 3 | 97 | |
| 2 | 100 | Very loud classical music |
| 1.5 | 102 | |
| 1 | 105 | Patrice screaming at Ron about deadlines |
| 0.5 | 110 | |
| 0.25 or less | 115 | Loudest parts at a rock concert |

The SR1530 can produce a maximum SPL of 126 dB @ 1m

# CONTENTS



# INTRODUCTION

Thank you for choosing Mackie Designs' active sound reinforcement speaker systems.

The SR1530 is a high output, horn loaded, 3-way, wide dispersion, active sound reinforcement system. It features a one-piece 90° x 40° horn, which includes both the mid and high frequency sections in a proprietary "Optimal Wavefront" design. Unlike typical mid/high horn designs, the high frequency section is positioned to fire down into the six-inch mid-range's dispersion pattern. This creates a focused, single wave front with excellent phase and power response characteristics.

The mid-range transducer operates between 700Hz and 3000Hz, eliminating the placement of a crossover point in the middle of critical voice frequencies. Frequencies above 3000Hz are reproduced by a 1-inch exit compression driver. The low frequencies are produced through a high output 15-inch woofer.

Connecting and setting up the SR1530 is a breeze. It accepts a line-level signal via a female XLR input jack. A male XLR Thru jack is provided for daisy-chaining the signal to additional SR1530 cabinets.

Two built-in power amplifiers provide 100 watts each for the mid-frequency and high-frequency drivers. The low-frequency driver is powered by a high-efficiency, high-current Class G topology amplifier providing 300 watts of power. The amplifier modules sit on a mammoth heatsink that eliminates the need for fans, dramatically extending life expectancy, and eliminating maintenance cycles. A tremendous benefit of having the amplifiers located within the loudspeaker cabinet is that the SR1530 functions as a system, optimizing acoustic, electronic, and mechanical designs to achieve the highest level of performance and value.

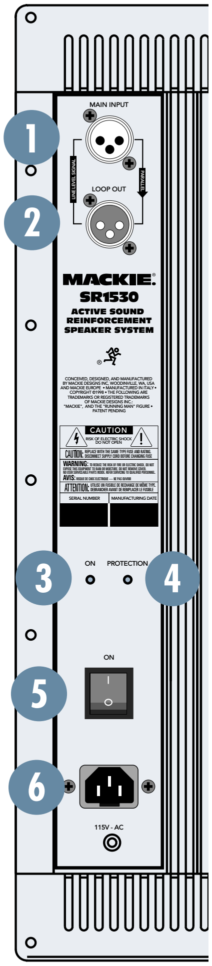
The cabinet is constructed using both 18mm multi-layered plywood and pressure injected structural resin. Two carrying handles are integrated into each side for easy loading and transport.

Don't forget to visit our website at www.mackie.com for more information about this and other Mackie products.





Rev. D




# REAR PANEL DESCRIPTION

The SR1530 has several connectors and features that you should understand.

## ❶ MAIN INPUT

This is a female XLR-type connector that accepts a balanced line-level signal from a mixing console or other signal source.

## ❷ LOOP OUT

This is a male XLR-type connector that produces exactly the same signal that is connected to the MAIN INPUT jack. Use it to daisy-chain several SR1530s together off the same signal source.

## ❸ Power ON Indicator

When the POWER switch is turned on, and the linecord is connected to an active AC power supply, this indicator lights green to let you know that you're ready to rock and roll. The cool blue LED on the front of the cabinet works in the same way.

## ❹ PROTECTION Indicator

The SR1530 has a built-in limiter that prevents the amplifier outputs from clipping or overdriving the transducers. The PROTECTION indicator lights when the limiter is activated. It's okay for the PROTECTION indicator to blink occasionally, but if it blinks frequently or lights continuously, turn down the signal source's level control until the PROTECTION indicator only blinks occasionally.

There is also a thermal protection circuit that monitors the internal temperature of the amplifiers and heatsink. If the temperature should exceed a safe operating level, the signal is muted to allow the amplifiers to cool. When the temperature cools to a safe level once again, the thermal protection circuit deactivates and normal operation continues.

**Note:** Activation of the thermal protection circuit is an indication that you should take steps to avoid continued thermal problems. See "Thermal Considerations" on page 6.

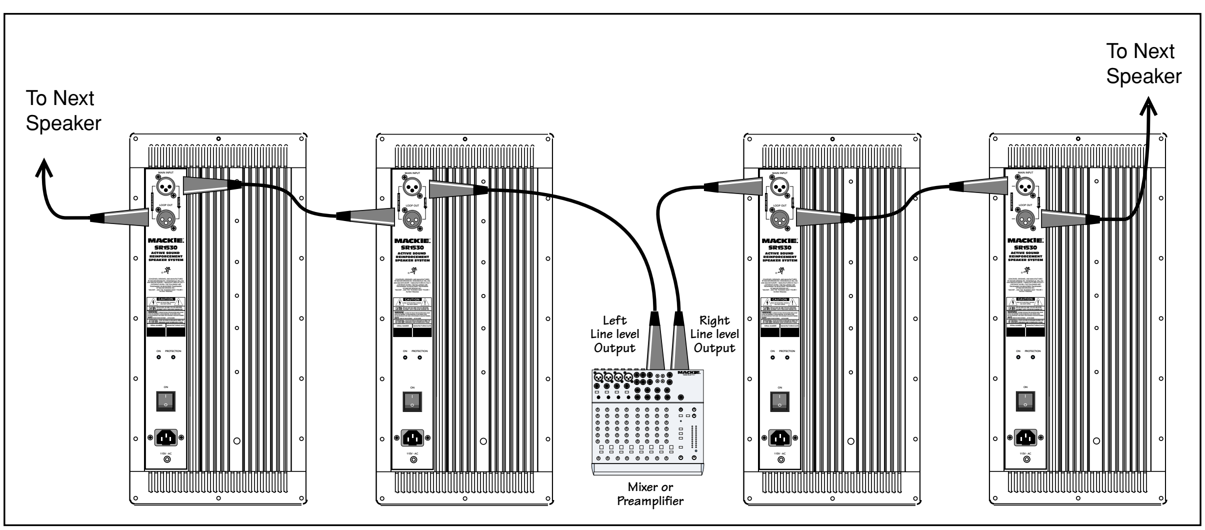
## ❺ POWER Switch

Use this switch to turn the SR1530 on and off. Make sure the signal source's level control is turned down before you turn it on.

## ❻ AC Receptacle

This is where you connect the AC linecord to provide AC power to the SR1530's built-in power amplifiers. Plug the linecord into an AC socket properly configured for your particular model.

# HOOKUP DIAGRAM



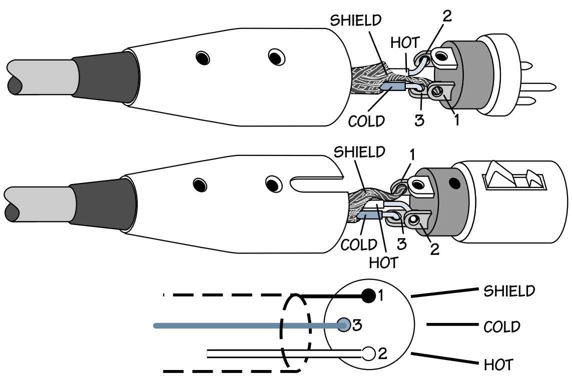

DAISY-CHAINING FOUR SR1530s

# CONNECTIONS

The SR1530 has one female XLR input that accepts a balanced line-level signal. When connecting a balanced signal, be sure it's wired per AES (Audio Engineering Society) standards:

| | **XLR** |
|---|---|
| Hot (+) | Pin 2 |
| Cold (–) | Pin 3 |
| Shield (Ground) | Pin 1 |

There is also a male XLR connector labeled LOOP OUT. This is also wired according to the above AES standard.



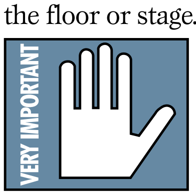

***Balanced XLR Connectors***

The LOOP OUT connector allows you to connect more than one SR1530 to your system. Simply plug the signal source (i.e., mixer output) into the first MAIN INPUT jack, and patch that speaker's LOOP OUT jack to the next MAIN INPUT jack, and so on, daisy-chaining multiple speakers.

The LOOP OUT jack is wired straight from the MAIN INPUT connector — there is no electronic circuitry between — so the signal coming out of the LOOP OUT jack is exactly the same as the signal going in.

# PLACEMENT

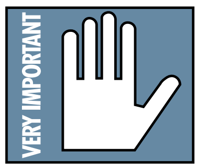
The SR1530 speaker is designed to sit on the floor or stage.




**WARNING:** The cabinet has no rigging points and is not suitable for rigging. **NEVER** attempt to suspend the SR1530 by its handles. The SR1530 should never be pole-mounted.

You can create a horizontal array by placing the cabinets side-by-side. However, you should have a good understanding of the relationship between the splay angle (the angle between the facing sides of the cabinets), the on-axis power, and frequency cancellation effects between cabinets.

When two cabinets are placed side-by-side, the actual splay angle is 20° (determined by a 10° angle on each cabinet side). As the splay angle increases toward the angle of horizontal coverage (90° for the SR1530), the on-axis power decreases, but the frequency response becomes smoother as the comb-filtering effects (caused by the interaction in the area of double-coverage) decrease.




As with any powered components, protect them from moisture. If you are setting them up outdoors, make sure they are under cover if you expect rain.

# AC POWER

Be sure the SR1530 is plugged into an outlet that is able to supply the correct voltage specified for your model. If the voltage should drop below 97% of the specified line voltage, the built-in amplifiers will no longer be able to supply rated power. (They will continue to operate down to 80% of the rated line voltage, but won't reach full power, resulting in lower headroom.)

Be sure the electrical service can supply enough amperage for all the components connected to it.

We recommend that a stiff (robust) supply of AC power be used because the amplifiers place high current demands on the AC line. The more power that is available on the line, the louder the speakers will play and the more peak output power will be available for cleaner, punchier bass. A suspected problem of "poor bass performance" is often caused by a weak AC supply to the amplifiers.




Never remove the ground pin on the power cord of the SR1530 or any other component. This is very dangerous.

# THERMAL CONSIDERATIONS

The SR1530 has three powerful built-in amplifiers capable of producing a combined 500 watts of power. As amplifiers produce heat, it is important to dissipate the heat as quickly as possible. This results in increased reliability and longevity for the amplifier.

The amplifier module is mounted on a large heatsink, which is cooled by convection where cool air is drawn through it's fins, carrying the heat away. In order for this convection cooling to work efficiently, it is important to provide adequate airspace behind the loudspeaker. When you position the SR1530, we recommend leaving at least six inches of air space behind it.

In the unlikely event of the amplifier overheating, a built-in thermal switch will activate, which mutes the signal. When the amplifier has cooled down to a safe operating temperature, the thermal switch resets itself, and the SR1530 resumes normal operation.

If the thermal switch activates frequently, try turning down the level control a notch or two on the mixing console (or other signal source) to avoid overheating the amplifier.

If the temperature in the room is too high, it could cause the amplifier to overheat. In this case, you should try aiming a fan at the rear panel to move more air through the fins.

# SERVICE INFORMATION

## Warranty Service

If you think your loudspeaker has a problem, please do everything you can to confirm it before calling for service, including reading through the following Troubleshooting section. Doing so might save you from being deprived of your Mackie loudspeaker.

Of all Mackie products returned for service (which is hardly any at all), many are coded "CND" — Could Not Duplicate— which usually means the problem lay somewhere else in the system. The following troubleshooting tips may sound obvious, but here are some things you can check:

## Troubleshooting

### No power

- Our favorite question: Is it plugged in? Make sure the AC outlet is live (check with a tester or lamp).
- Our next favorite question: Is the POWER switch on? If not, try turning it on.
- Is the POWER LED on the rear panel glowing green? If not, make sure the AC outlet is live. If so, refer to "No sound" below.
- The internal AC line fuse may be blown. This is not a user serviceable part. If you suspect the AC line fuse is blown, please see the REPAIR section next.

### No sound

- Is the input LEVEL control for the input source turned all the way down? Verify that all the volume controls in the system are properly adjusted.
- Is the signal source working (and making union scale)? Make sure the connecting cables are in good repair and securely connected at both ends. Make sure the output volume (gain) control on the mixing console is turned up sufficiently to drive the inputs of the speaker.
- Make sure the mixer does not have a Mute on or a Processor loop engaged. If you find something like this, make sure the volume/gain is turned down before disengaging the offending switch.
- Is the PROTECTION indicator lit red on the rear panel? Make sure there is at least six inches of free space behind the SR1530.

### Poor bass performance

- Check the polarity of the connections between the mixer and the loudspeakers. You may have your positive and negative connections reversed at one end of one cable, causing one loudspeaker to be out-of-phase.

### Poor sound

- Is it loud and distorted? Make sure that you're not overdriving a stage in the signal chain. Verify that all level controls are set properly.
- Is the input connector plugged completely into the jack? Be sure all connections are secure. It's a good idea to periodically clean all electrical connections with a non-lubricating electrical contact cleaner.

### Noise

- Make sure all connections to the active loudspeakers are good and sound.
- Make sure none of the signal cables are routed near AC cables, power transformers, or other EMI-inducing devices.
- Is there a light dimmer or other SCR-based device on the same AC circuit as the SR1530? Use an AC line filter or plug the SR1530 into a different AC circuit.

### Hum

- Try disconnecting the cable connected to the MAIN INPUT jack. If the noise disappears, it could be a "ground loop," rather than a problem with the SR1530. Try some of the following troubleshooting ideas:
- Use balanced connections throughout your system for the best noise rejection.
- Whenever possible, plug all the audio equipment's linecords into outlets which share a common ground. The distance between the outlets and the common ground should be as short as possible.

## REPAIR

Service for the SR1530 is available only from one of our authorized domestic service stations or at the factory service center located in Whitinsville, Massachusetts. Service outside the United States can be obtained through local dealers or distributors.

If your SR1530 needs service, please follow these instructions:

1. Review the preceding troubleshooting suggestions. Please.
2. Call Tech Support at 1-800-258-6883, 7am to 5pm PST, to explain the problem in detail. They will ask you all sorts of impertinent questions in the hope of sorting out the problem. If it appears that the SR1530 needs repair, request an RA (Return Authorization) number. Have your loudspeaker's serial number ready. You must have an RA number before you can obtain service at the factory or an authorized service center.
3. Keep this user's manual. We don't need it to repair the loudspeaker.
4. Pack the loudspeaker in its original packaging, including protective wrap, endcaps, and box. This is very important. When you call for the RA number, please let Tech Support know if you need new packaging. *Mackie is not responsible for any damage that occurs due to non-factory packaging.*
5. Include a legible note stating your name, shipping address (no P.O. boxes), daytime phone number, RA number, and a detailed description of the problem, including how we can duplicate it.
6. Write the RA number in BIG PRINT on top of the box.
7. Ship the loudspeaker to us. We recommend United Parcel Service (UPS). We suggest insurance for all forms of cartage. Ship to this address:

Mackie Designs
SERVICE DEPARTMENT
One Main Street
Whitinsville, MA 01588

8. We'll try to fix the loudspeaker within three business days. Ask Tech Support for the latest turnaround times when you call for your RA number. We normally send everything back prepaid using UPS ORANGE (Third Day Air). However, if you rush your loudspeaker to us by Next Day Air, we'll treat it in kind by shipping it back to you UPS RED (Next Day Air). This paragraph does not necessarily apply to non-warranty service.

# CARE AND MAINTENANCE

Your Mackie loudspeakers will provide many years of reliable service if you follow these guidelines:

**VERY IMPORTANT**

- Avoid exposing the loudspeakers to moisture. If they are set up outdoors, be sure they are under cover if you expect rain.
- Avoid exposure to extreme cold (below freezing temperatures). If you must operate the loudspeakers in a cold environment, warm up the voice coils slowly by sending a low-level signal through them for about 15 minutes prior to high-power operation.
- Use a slighty damp cloth with a mild soap solution to clean the cabinets. Only do this when the power is turned off. Avoid getting moisture into any of the openings of the cabinet, particularly where the drivers are located.

# SR1530 SPECIFICATIONS

## System Specifications

| | |
|---|---|
| *Frequency Range (–10 dB)* | 40Hz–20kHz |
| *Frequency Response (–3 dB)* | 45Hz–18kHz |
| *Horizonal Coverage Angle (–6 dB)* | 90° averaged 2kHz to 10kHz |
| *Vertical Coverage Angle (–6 dB)* | 40° averaged 2kHz to 10kHz |
| *Directivity Factor; DI (Q)* | 10.77 (11.95) averaged 2kHz to 10kHz |
| *Maximum SPL @ 1m* | 123 dB |
| *Peak Output @ 1m* | 126 dB |
| *Crossover Points* | 700Hz, 3000Hz |
| *Dynamic Range* | > 100 dB |
| *Phase Response* | ± 40° from 500Hz to 10kHz |
| *Input Type* | Balanced differential |
| *Input Impedance* | 50K ohms |
| *Input Protection* | Monitoring and limiting of continuous rms output of amplifiers |
| *Thermal Protection* | Input stage muting, auto-reset |

## Transducer Specifications

**Low-Frequency Transducer**

| | |
|---|---|
| *Diameter* | 15″ (381mm) |
| *Voice Coil Diameter* | 2.5″ (63mm) |
| *Power Handling* | 250W rms (long term)[1] |



**Mid-Frequency Transducer**

| | |
|---|---|
| *Diameter* | 6″ (152mm) |
| *Voice Coil Diameter* | 2″ (50mm) |
| *Power Handling* | 60W rms (long term)[1] |

**High-Frequency Transducer**

| | |
|---|---|
| *Diaphragm Diameter* | 1″ (25mm) |
| *Voice Coil Diameter* | 1″ (25mm) |
| *Power Handling* | 25W rms (long term)[1] |
| *Diaphragm Material* | Mylar |

## Power Amplifiers

**Low-Frequency Power Amplifier**

| | |
|---|---|
| *Rated Power* | 300 watts RMS |
| *Rated THD* | < 0.05 % |
| *Design* | Class G, High Efficiency/High Current |

**Mid and High-Frequency Power Amplifiers**

| | |
|---|---|
| *Rated Power* | 100 watts RMS |
| *Rated THD* | < 0.1 % |
| *Design* | Integrated Module |

## Line Input Power

| | | |
|---|---|---|
| *US* | 120V, 60Hz | |
| | Recommended Amperage Service: | 8 amps |
| *Europe* | 230V, 50Hz | |
| | Recommended Amperage Service: | 5 amps |

## Physical Properties

| | |
|---|---|
| *Height* | 43.9″ (1116mm) |
| *Front Width* | 19.1″ (484mm) |
| *Rear Width* | 13.9″ (352mm) |
| *Depth* | 18.1″ (460mm) |
| *Weight* | 111.25 lbs. (50.57 kg) |
| *Enclosure* | Trapezoidal, 10° sides, 18mm multi-layered plywood, top and bottom high pressure resin injected "caps" |
| *Mounting Methods* | Floor mount only. The SR1530 should never be pole-mounted. The cabinet has no rigging points and is not suitable for flying. Never attempt to suspend the cabinet by its handles. |

[1] Power handling for transducers is based on an AES long term power testing standard conducted for 100 hours full power, free air.

## Disclaimer

Since we are always striving to make our products better by incorporating new and improved materials, components, and manufacturing methods, we reserve the right to change these specifications at any time without notice.

"Mackie" and the "Running Man" figure are trademarks or registered trademarks of Mackie Designs Inc.

All other brand names mentioned are trademarks or registered trademarks of their respective holders, and are hereby acknowledged.


Rev. D 03/02

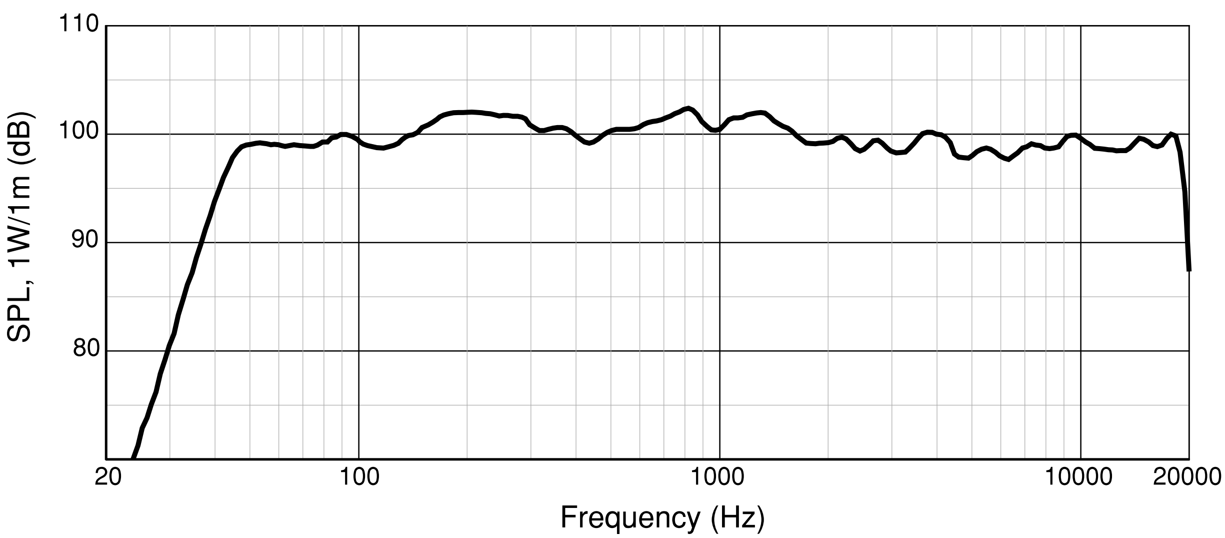
# Architects and Engineers' Specifications

The active, three-way, full-range loudspeaker system shall incorporate one 15-inch low-frequency (LF) transducer, one horn-loaded 6-inch mid-frequency (MF) transducer, and a 1-inch exit compression driver high-frequency (HF) transducer. The LF driver shall be mounted in a vented combination multi-ply wood and high pressure injected wood enclosure tuned for optimum low-frequency response. The MF and HF transducers shall be loaded on a one piece, combination HF/MF horn assembly with optimized wavefront characteristics. The system shall have a nominal coverage pattern of 90° (horizontal) x 40° (vertical). System frequency response shall vary no more than ± 3 dB from 70Hz to 15kHz measured on axis. The loudspeaker shall incorporate a low-frequency amplifier capable of delivering 300 watts rms over a frequency range of 20Hz-800Hz. The system shall incorporate a 100 watt rms amplifier specifically designed to power the MF driver over the range of 700Hz-3kHz and a 100 watt rms amplifier specifically designed to power the high-frequency driver over the range of 3kHz-20kHz. The amplifiers shall be mounted on an aluminum heatsink mounted within the speaker system. The loudspeaker enclosure shall have a trapezoidal shape and shall incorporate two side handles and a top and bottom relocation handle. The system will include an XLR input connector and an XLR loop-through signal connector. The front of the loudspeaker shall be covered with a powder coated, weather resistant perforated steel grill.

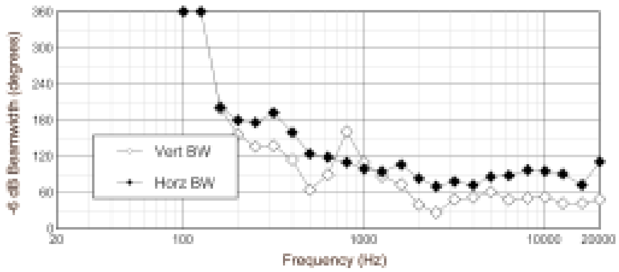
The active three-way full-range loudspeaker system shall be the Mackie Designs SR1530.

## Frequency Response

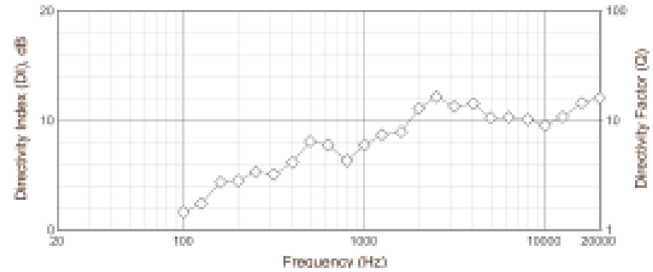
**SR1530 Frequency Response On-Axis**



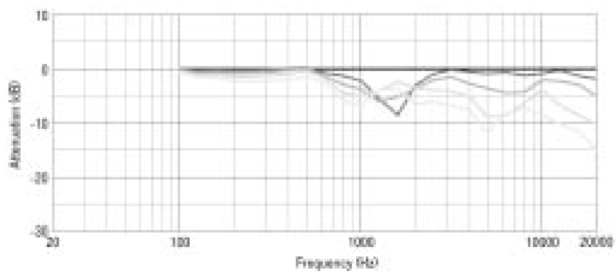
## Beamwidth vs. Frequency



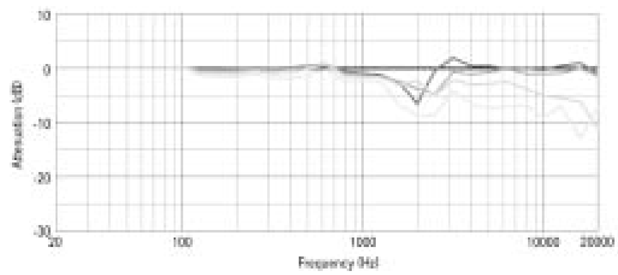

## Directivity vs. Frequency



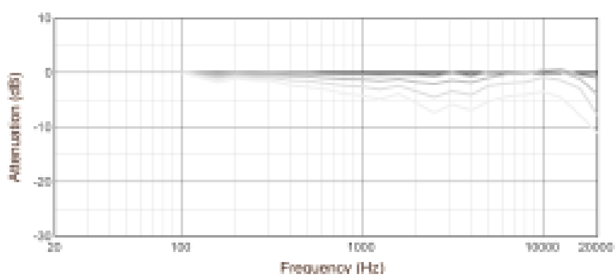

## Vertical Off-Axis Frequency Response (up)




## Vertical Off-Axis Frequency Response (down)



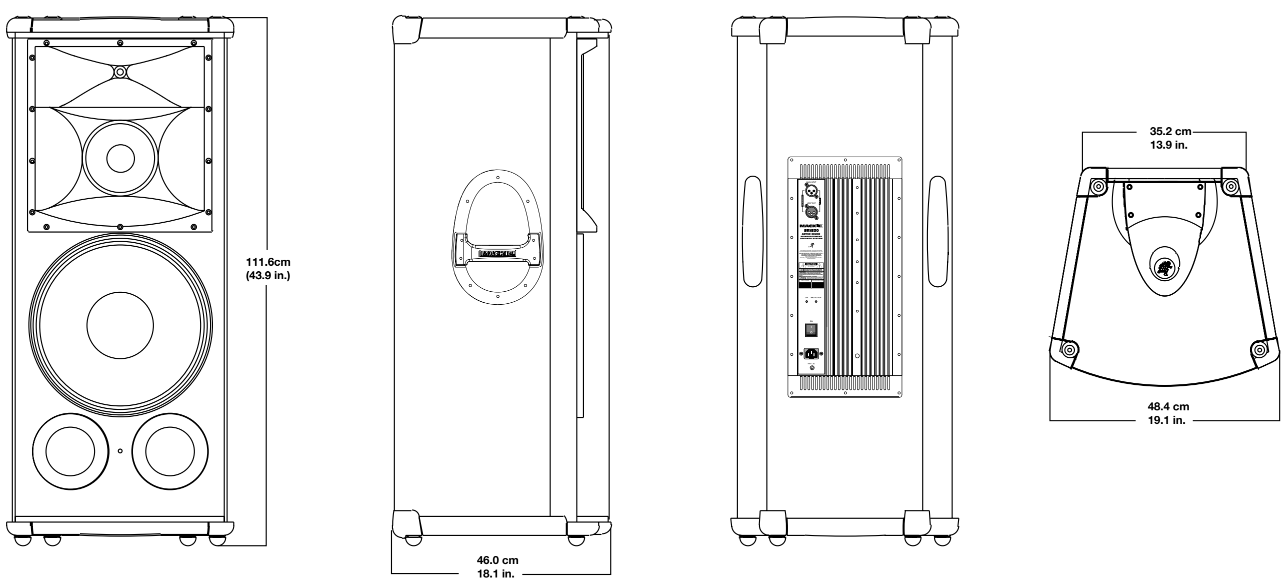

## Horizontal Off-Axis Frequency Response







## Dimensions



# SR1530 LIMITED WARRANTY

## Please keep your sales receipt in a safe place.

**A.** Mackie warrants all materials, workmanship and proper operation of this SR1530 for a period of **one year** from the original date of purchase. If you complete the optional questionnaire portion of the Product Registration Card, the warranty will be extended for an **additional FOUR years** with the following exception: warranty on all its loudspeaker components including woofers and compression drivers are only warranted for an additional one year (for a total of two years). If any defects are found in the materials or workmanship or if the product fails to function properly during the applicable warranty period, Mackie, at its option, will repair or replace the product. **This warranty applies only to equipment sold and delivered within the U.S. by Mackie or its authorized dealers.**

**B.** Failure to return the card will not void the 1-year warranty.

**C.** Service and repairs of Mackie products are to be performed **only** at the factory (see D below) OR at an Authorized Mackie Service Center (see E below). Unauthorized service, repairs, or modification will void this warranty.

**D.** To obtain factory service:

**1.** Call Mackie at 800/258-6883, 8AM to 5PM Monday through Friday (Pacific Time) to get a Return Authorization (RA). Products returned without an RA number will be refused.

**2.** Pack the SR1530 in its original shipping carton. If you do not have the carton, just ask for one when you get your RA number, and we'll send a shipping carton out promptly. More information on packing can be found in the *Service* section of this manual. Also include a note explaining exactly how to duplicate the problem, a copy of the sales receipt with price and date showing, and your return street address (no P.O. boxes or route numbers, please!). If we cannot duplicate the problem at the Mackie Factory or establish the starting date of your Limited Warranty, we may, at our option, charge for service time.

**3.** Ship the product in its original shipping carton, ***freight prepaid*** to:

**Mackie Designs Inc.**
**SERVICE DEPARTMENT**
**One Main Street**
**Whitinsville, MA, 01588, USA**

**IMPORTANT: Make sure that the RA number is plainly written on the shipping carton.**

**E.** To obtain service from an Authorized Mackie Service Center:

**1.** Call Mackie at 800/258-6883, 8AM to 5PM Monday through Friday (Pacific Time) to get: 1) The name and address of your nearest Mackie Authorized Service Center and 2) A return authorization (RA). You must have an RA number before taking your unit to a service center.

**2.** Make sure that you have a copy of your loudspeaker's sales receipt from the store where you bought the product. It is necessary to establish purchase date and thus determine whether or not your loudspeaker is still under warranty. If you can't find it, the Authorized Service Center may charge you for repairs even if your loudspeaker is still covered by Mackie's 1-Year Limited Warranty.

**3.** Make sure that the problem can be duplicated. If you bring your loudspeaker to an Authorized Service Center and they can't find anything wrong with it, you may be charged a service fee.

**4.** If the Mackie Authorized Service Center is located in another city, pack the loudspeaker in its original shipping carton. More information on packing can be found in the *Service* section of this manual.

**5.** Contact the Mackie Authorized Service Center to arrange service or bring the loudspeaker to them.

**F.** Mackie and Mackie Authorized Service Centers reserve the right to inspect any products that may be the subject of any warranty claims before repair or replacement is carried out. Mackie and Mackie Authorized Service Centers may, at their option, require proof of the original date of purchase in the form of a dated copy of the original dealer's invoice or sales receipt. Final determination of warranty coverage lies solely with Mackie Designs Inc. or its Authorized Service Centers.

**G.** Mackie loudspeakers returned to Mackie and deemed eligible for repair or replacement under the terms of this warranty will be repaired or replaced within thirty days of receipt by Mackie at our rainforest factory complex. Products returned to Mackie that do not meet the terms of this Warranty will be repaired and returned C.O.D. with billing for labor, materials, return freight, and insurance. Products repaired under warranty at Mackie's factory will be returned freight prepaid by Mackie to any location within the boundaries of the USA.

**H.** Mackie assumes no responsibility for the quality or timeliness of repairs performed by Mackie Authorized Service Centers.

**I.** This warranty is extended to the original purchaser and to anyone who may subsequently purchase this product within the applicable warranty period.

**J.** This is your sole warranty. Mackie does not authorize any third party, including any dealer or sales representative, to assume any liability on behalf of Mackie Designs or to make any warranty for Mackie Designs.

**K.** THE WARRANTY GIVEN ON THIS PAGE IS THE SOLE WARRANTY GIVEN BY MACKIE AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS AND IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE WARRANTY GIVEN ON THIS PAGE SHALL BE STRICTLY LIMITED IN DURATION TO ONE YEAR FROM THE DATE OF ORIGINAL PURCHASE FROM AN AUTHORIZED MACKIE DEALER. UPON EXPIRATION OF THE APPLICABLE WARRANTY PERIOD, MACKIE SHALL HAVE NO FURTHER WARRANTY OBLIGATION OF ANY KIND. MACKIE SHALL NOT BE LIABLE FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES THAT MAY RESULT FROM ANY DEFECT IN THE MACKIE PRODUCT OR ANY WARRANTY CLAIM. Some states do not allow exclusion or limitation of incidental, special, or consequential damages or a limitation on how long warranties last, so some of the above limitations and exclusions may not apply to you. This warranty provides specific legal rights and you may have other rights which vary from state to state.

***Some of the people at our factory who helped design, build, sell, and support your product.***



**MACKIE.**

**Mackie Designs Inc.**

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